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ning of each regular issue of the PCT Gazette.

(54) Title: VINYLIDENE CHLORIDE POLYMER COMPOSITIONS AND FOOD CASINGS MADE THEREFROM

(57) Abstract: The present invention is a poly(vinylidene chloride) interpolymer composition comprising (1) a copolymer of an alpha olefin and an alkyl ester of an unsaturated carboxylic acid and (2) an interpolymer of vinylidene chloride and vinyl chloride, the copolymer being present in an amount effective to improve meat adhesion of a food casing made from the interpolymer composition having the copolymer as compared with a composition having the same proportions of components as the interpolymer composition but without the added copolymer (hereinafter effective amount). Preferably, the copolymer comprises ethylene and at least one alkyl ester of an unsaturated carboxylic acid. The invention is also a process for preparing a thermoplastic food casing which comprises adding an effective amount of a copolymer of an alpha olefin and an alkyl ester of an unsaturated carboxylic acid to a an interpolymer of vinylidene chloride and vinyl chloride to improve meat adhesion of the food casing. Additionally, the invention is a film comprising an interpolymer of vinylidene chloride and vinyl chloride and an effective amount of a copolymer of an alpha olefin and an alkyl ester of an unsaturated carboxylic acid. The film is preferably used in applications for contacting meat. Additionally, the invention is a combination of a film comprising an interpolymer of vinylidene chloride and vinyl chloride and an effective amount of a copolymer of an alpha olefin and an alkyl ester of an unsaturated carboxylic acid and, adjacent thereto or in contact therewith, a fatty substance, preferably a meat having a fat content, meat product having fat content, or other food having a fat content. In another aspect, the invention is a package useful for meats or other fatty substances comprising an interpolymer of vinylidene chloride and vinyl chloride and an effective amount of a copolymer of an alpha olefin and an alkyl ester of an unsaturated carboxylic acid wherein the package is designed for contact of interpolymer of vinylidene chloride with the meat or fatty substance. In another aspect, the invention is a sausage casing having a film comprising an interpolymer of vinylidene and chloride vinyl chloride and an effective amount of a copolymer of an alpha olefin and an alkyl ester of an unsaturated carboxylic acid. In yet another aspect, the invention is the use of a vinylidene chloride interpolymer composition comprising and interpolymer of vinylidene chloride and vinyl chloride and an effective amount of at least one copolymer of an alpha olefin and an alkyl ester of an ethylenically unsaturated carboxylic acid in a composition suitable for making a film, the resulting film, a molded article, a package, in each case preferably suitable for contacting or containing a fatty substance or food, preferably in a sausage casing.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 950 718 A (DOW CHEMICAL) 21 August 1990 (1990-08-21) column 1 -column 7; tables IIA-III	1,2
X	US 4 888 249 A (DOW CHEMICAL) 19 December 1989 (1989-12-19) column 1 -column 2; example 2	1-3
X	EP 0 029 316 A (KUREHA KAGAKU KOGYO ) 27 May 1981 (1981-05-27) page 1 -page 6	1-26

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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